

**INDIANA STATEWIDE TESTING
FOR EDUCATIONAL PROGRESS**

Academic Standards Summary

State: INDIANA

Grade: 8

Purpose

This report provides an analysis of Academic Standards using the average Indiana Performance Index (IPI) by subject for this group. The information may be used to analyze curriculum strengths and needs.



■No. of Students: 79762

Test Date: 09/18/07

Indiana Performance Index (IPI)

The IPI is the expected number of items correct had 100 similar items been taken for the given Academic Standard. The Difference score is the Mean IPI minus the IPI at the passing cut score.

MC : Multiple-choice items

OE : Open-ended items

GR : Gridded response items

** : Expected IPI for a student at the passing cut score

STATE SUMMARY

The IPI is the expected number of items correct had 100 similar items been taken for the given Academic Standard. The Difference score is the Mean IPI minus the IPI at the passing cut score.	STATE SUMMARY						
	Points Possible	IPI at Pass**	Mean Number Correct	Mean IPI	Difference	Number Mastery	Percent Mastery
MC : Multiple-choice items OE : Open-ended items GR : Gridded response items ** : Expected IPI for a student at the passing cut score							
English/language arts							
1. Reading Vocabulary(MC)	7	74	5.4	77.6	3.6	54747	69
2. Reading Comp.(MC,OE)	21	65	14.9	71.3	6.3	55877	70
3. Lit Response & Analysis(MC,OE)	21	64	14.4	69.1	5.1	55058	69
4. Writing Process(MC)	4	49	2.4	59.7	10.7	55326	70
5. Writing Applications(OE)	10	56	6.2	61.2	5.2	56925	72
6. Lang. Conventions(MC,OE)	13	73	10.1	77.3	4.3	55345	70
Number of Students: 79059							
Mathematics							
1. Number Sense(MC,OE)	10	60	7.1	70.2	10.2	59337	75
2. Computation(MC,GR)	9	32	4.6	50.8	18.8	59638	75
3. Algebra & Functions(MC,OE,GR)	16	44	9.3	57.5	13.5	59184	75
4. Geometry(MC,OE,GR)	10	53	6.4	64.5	11.5	57569	73
5. Measurement(MC,OE,GR)	10	27	4.5	45.4	18.4	58557	74
6. Data Analysis & Prob(MC,OE,GR)	15	44	8.5	56.7	12.7	58498	74
7. Problem Solving(MC,OE)	15	15	5.2	35.1	20.1	58772	74
Number of Students: 79289							
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* Number of students that completed all tests in the content area. ■ Total number of all students that tested in either content area. Any student tested in both content areas is counted once. Adding the two-digit "PI at Pass" scores will not result in the three-digit student score found on the Student Report.